AMENDED CLAIM SET:

1. (previously presented) A catalyst comprising a cyclic imide compound, the cyclic imide compound having an N-substituted cyclic imide skeleton represented by following Formula (I):

$$\begin{array}{c}
0 \\
C \\
C
\end{array}$$
(1)

wherein X is an oxygen atom or a hydroxyl group, wherein said catalyst has a solubility parameter of less than or equal to $26 \text{ (MPa)}^{1/2}$ as determined by Fedors method.

2. (original) The catalyst according to claim 1, wherein the cyclic imide compound is a compound represented by following Formula (1):

$$\begin{array}{c}
 & 0 \\
 & 0 \\
 & C \\
 & R^2 \\
 & C \\$$

wherein R¹ and R² are the same or different and are each a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a cycloalkyl group, a hydroxyl group, an alkoxy group, a carboxyl group, a substituted oxycarbonyl group, an acyl group or an acyloxy group, where R¹ and R² may be combined to form a double bond or an aromatic or non-aromatic ring; one or two of N-substituted cyclic imido group indicated in Formula (1) may be further

2

Application Number 10/092,554

formed on R¹, R², or on the double bond or aromatic or non-aromatic ring formed by R¹ and R²; and X is an oxygen atom or a hydroxyl group.

3. (previously presented) The catalyst according to claim 2, wherein the cyclic imide compound is a compound represented by following Formula (II):

$$(R^{x}O - C) \xrightarrow{n} N - OH$$

$$(11)$$

wherein R^x is a hydrocarbon group having five or more carbon atoms; and n denotes an integer of from 1 to 4, where the groups -C(=O)-OR^x may be the same or different when n is equal to or more than 2.

4. (original) The catalyst according to any one of claims 1 to 3, further comprising a metallic compound.

5. - 9. (cancelled).

10. (new) A catalyst comprising a cyclic imide compound represented by following Formula (II):

$$(R^{x}0-C)$$

$$0$$

$$N-0H$$

$$(11)$$

wherein R^x is a hydrocarbon group having five or more carbon atoms; and n denotes an integer of from 1 to 4, where the groups -C(=O)-OR^x may be the same or different when n is equal to or more than 2.

- 11. (new) The catalyst compound of claim 10 identified as 4-dodecyloxycarbonyl-N-hydroxyphthalimide, having a Fedors solubility parameter of 24.7.
- 12. (new) The catalyst compound of claim 1 identified as 4-decyloxycarbonyl-N-hydroxyphthalimide, having a Fedors solubility parameter of 25.4.
- 13. (new) The catalyst compound of claim 10 identified as 4,5-bis(hexyloxycarbonyl)-N-hydroxyphthalimide, having a Fedors solubility parameter of 25.5.
- 14. (new) The catalyst compound of claim 1 identified as 4,5-bis(octyloxycarbonyl)-N-hydroxyphthalimide, having a Fedors solubility parameter of 24.3.